



Tropical Depression DON QuickLook
Posted: 23:00 CDT 07/29/2011

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

No further QuickLooks will be posted for this storm unless oceanographic conditions warrant and/or the National Hurricane Center (NHC) issues a new tropical storm warning for the U.S.

As of 07/29/2011 23:00 CDT, water levels along the Texas coast from Corpus Christi to Galveston Bay Entrance, North Jetty are elevated and generally range between 0.5 and 1.8 feet above predictions with the exception of Rockport, TX where water level is close to predicted. Water levels along the extreme southern Texas coast are elevated and are about 0.6-0.7 feet above predicted values. Winds are gusting over 20-25 kts across the region. Winds at Corpus Christi are gusting up to 31 kts. Barometric pressure remains steady across the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Tropical Depression DON QuickLook, POSTED 23:00 CDT 07/29/2011

Corpus Christi, TX: Next predicted high tides are 1.60 ft (0.49 m) at 07/30/2011 05:42 CDT and 1.50 ft (0.46 m) at 07/31/2011 05:55 CDT.

Port Aransas, TX: Next predicted high tides are 0.83 ft (0.25 m) at 07/30/2011 13:24 CDT and 0.66 ft (0.20 m) at 07/31/2011 06:30 CDT.

Rockport, TX: Next predicted high tides are 0.22 ft (0.07 m) at 07/30/2011 15:03 CDT and 0.19 ft (0.06 m) at 07/31/2011 15:56 CDT.

Port O'Connor, TX: Next predicted high tides are 0.57 ft (0.17 m) at 07/30/2011 11:38 CDT and 0.49 ft (0.15 m) at 07/31/2011 11:27 CDT.

USCG Freeport, TX: Next predicted high tides are 1.79 ft (0.55 m) at 07/30/2011 05:26 CDT and 1.71 ft (0.52 m) at 07/31/2011 05:43 CDT.

Galveston Bay Entrance, North Jetty, TX: Next predicted high tides are 1.72 ft (0.52 m) at 07/30/2011 05:29 CDT and 1.46 ft (0.44 m) at 07/30/2011 14:38 CDT.

South Padre Island, TX: Next predicted high tides are 1.13 ft (0.35 m) at 07/30/2011 07:32 CDT and 1.02 ft (0.31 m) at 07/31/2011 07:08 CDT.

Port Isabel, TX: Next predicted high tides are 1.32 ft (0.40 m) at 07/30/2011 07:08 CDT and 1.22 ft (0.37 m) at 07/31/2011 07:05 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:KG

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL DEPRESSION DON ADVISORY NUMBER 10

1000 PM CDT FRI JUL 29 2011

...DON WEAKENING FAST AS IT REACHES THE TEXAS COAST NEAR BAFFIN BAY...

SUMMARY OF 1000 PM CDT INFORMATION

LOCATION...

ABOUT 40 MI... S OF CORPUS CHRISTI TEXAS

ABOUT 90 MI.. N OF BROWNSVILLE TEXAS

MAXIMUM SUSTAINED WINDS...35 MPH..

PRESENT MOVEMENT...WNW OR 290 DEGREES AT 14 MPH...

MINIMUM CENTRAL PRESSURE...1006 MB...29.71 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

THE TROPICAL STORM WARNING FOR THE TEXAS COAST HAS BEEN DISCONTINUED.

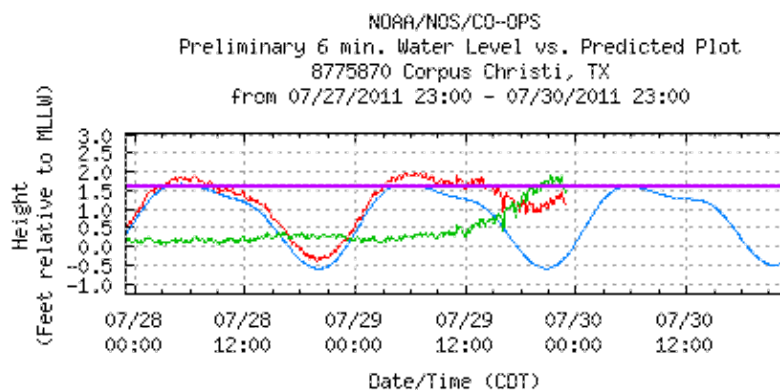
SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

THERE ARE NO COASTAL WATCHES OR WARNINGS IN EFFECT.

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Corpus Christi - Water Level](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Corpus Christi - Air/Water Temp](#), [Port Aransas - Water Level](#), [Rockport - Water Level](#), [Rockport - Winds](#), [Rockport - Barometric](#), [Rockport - Air/Water Temp](#), [Port O'Connor - Water Level](#), [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [Galveston Bay Entrance, North Jetty - Water Level](#), [Galveston Bay Entrance, North Jetty - Winds](#), [South Padre Island C.G Station - Water Level](#), [South Padre Island C.G Station - Winds](#), [Port Isabel - Winds](#), [Port Isabel - Water Level](#),

Corpus Christi, TX - Return to List



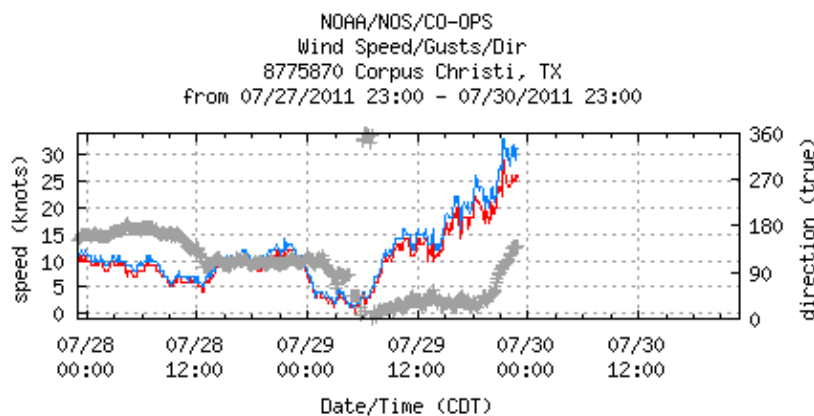
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 07/29/2011 22:48 (CDT)

Relative to MLLW: **Observed: 1.14 ft. Predicted: -0.31 ft. Residual: 1.45 ft.**

Historical Maximum Water Level: Sep 10 1998, 3.33 ft. above MHHW

Corpus Christi, TX - Return to List

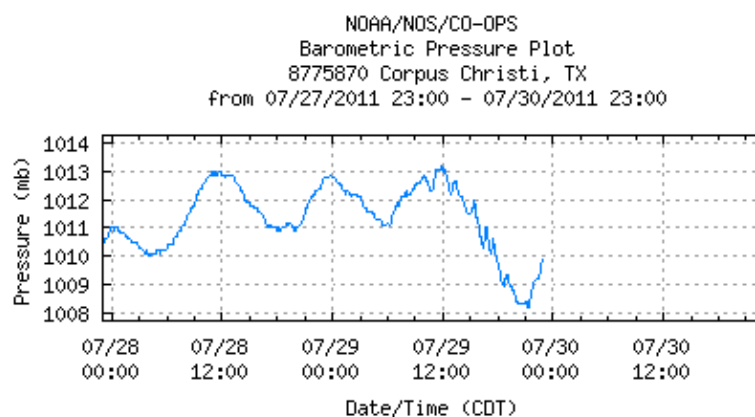


speed — gusts — direction +

Last Observed Sample: 07/29/2011 22:48 (CDT)

Wind Speed: 26 knots Gusts: 31 knots Direction: 142° T

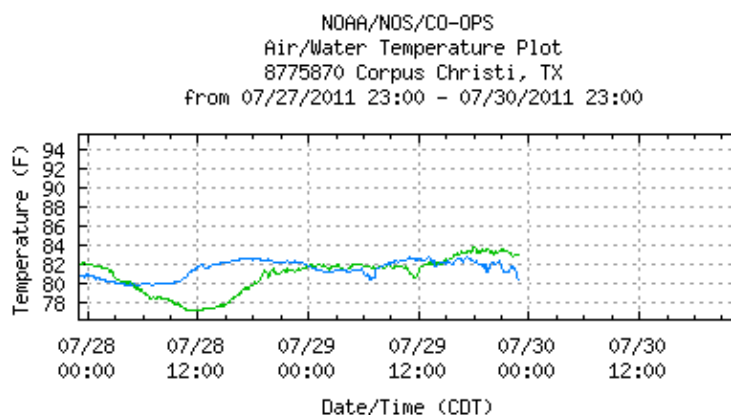
Corpus Christi, TX - Return to List



Last Observed Sample: 07/29/2011 22:48 (CDT)

Barometric Pressure: 1009.9 mb

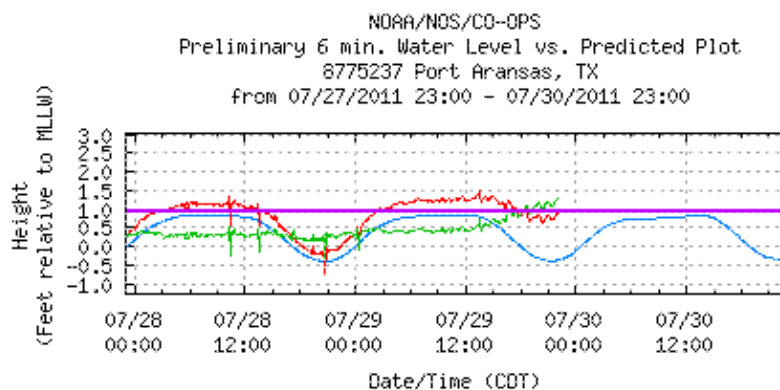
Corpus Christi, TX - Return to List



Last Observed Sample: 07/29/2011 22:48 (CDT)

Water Temperature: 82.9° F Air Temperature: 80.4° F

Port Aransas, TX - Return to List



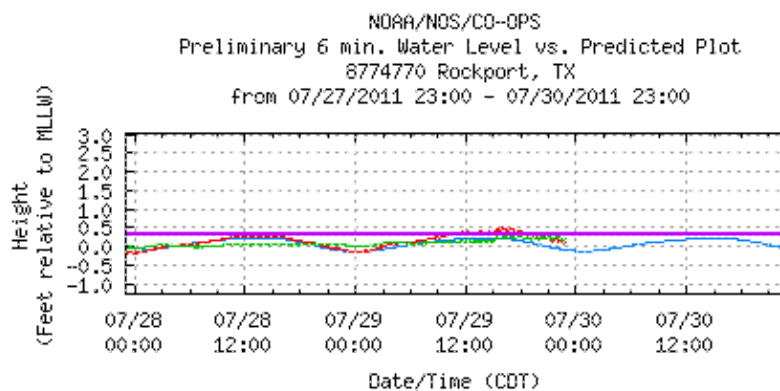
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 07/29/2011 22:00 (CDT)

Relative to MLLW: **Observed: 0.90 ft.** **Predicted: -0.38 ft.** **Residual: 1.28 ft.**

Historical Maximum Water Level: , 0 ft. above MHHW

Rockport, TX - Return to List



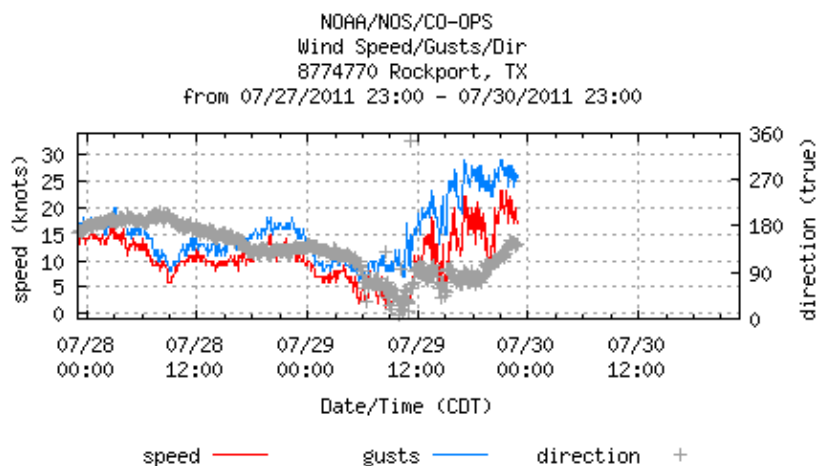
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 07/29/2011 22:48 (CDT)

Relative to MLLW: **Observed: 0.12 ft.** **Predicted: -0.10 ft.** **Residual: 0.22 ft.**

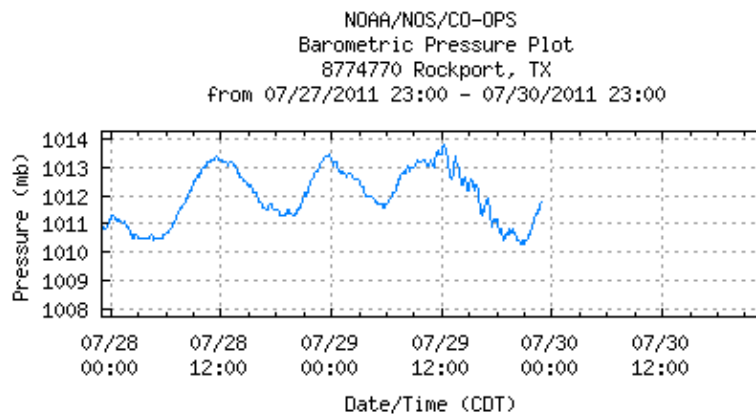
Historical Maximum Water Level: Aug 10 1980, 3.73 ft. above MHHW

Rockport, TX - Return to List



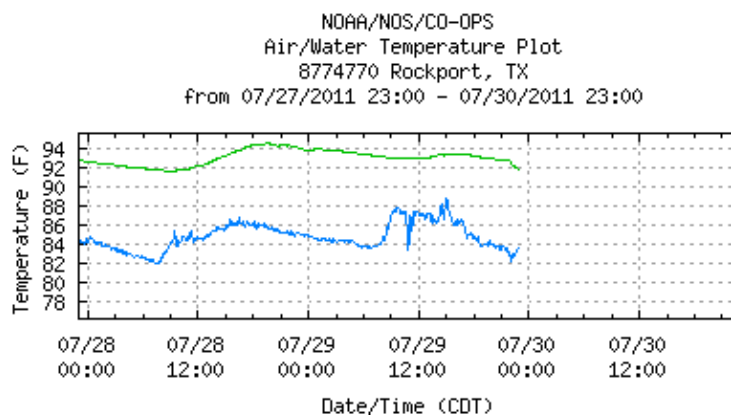
Last Observed Sample: 07/29/2011 22:48 (CDT)
Wind Speed: 17 knots Gusts: 26 knots Direction: 144° T

Rockport, TX - Return to List



Last Observed Sample: 07/29/2011 22:48 (CDT)
Barometric Pressure: 1011.8 mb

Rockport, TX - Return to List

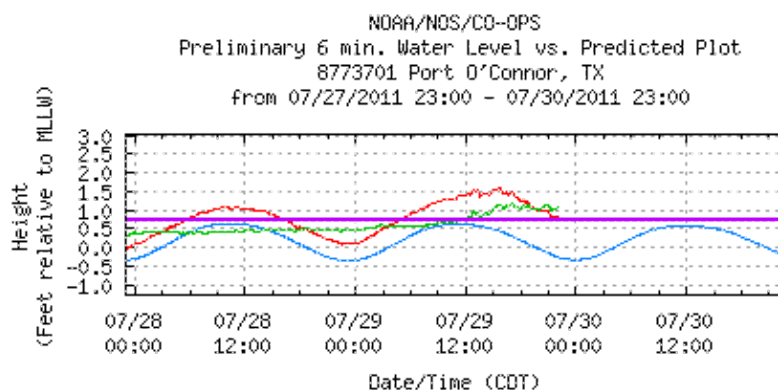


water temp. — air temp —

Last Observed Sample: 07/29/2011 22:48 (CDT)

Water Temperature: 91.8° F Air Temperature: 83.5° F

Port O'Connor, TX - Return to List



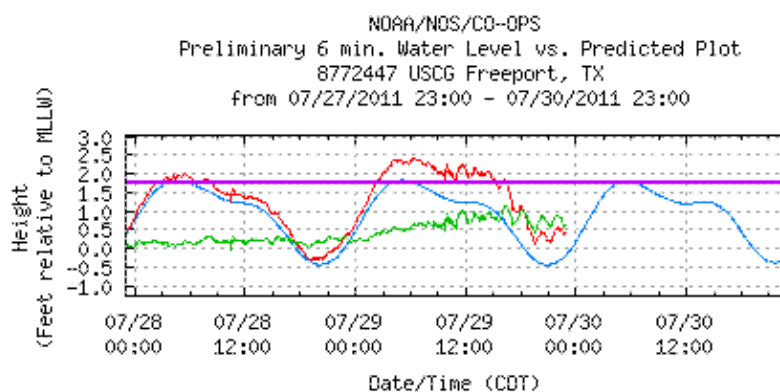
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 07/29/2011 22:00 (CDT)

Relative to MLLW: Observed: 0.80 ft. Predicted: -0.26 ft. Residual: 1.06 ft.

Historical Maximum Water Level: , 0 ft. above MHHW

USCG Freeport, TX - Return to List



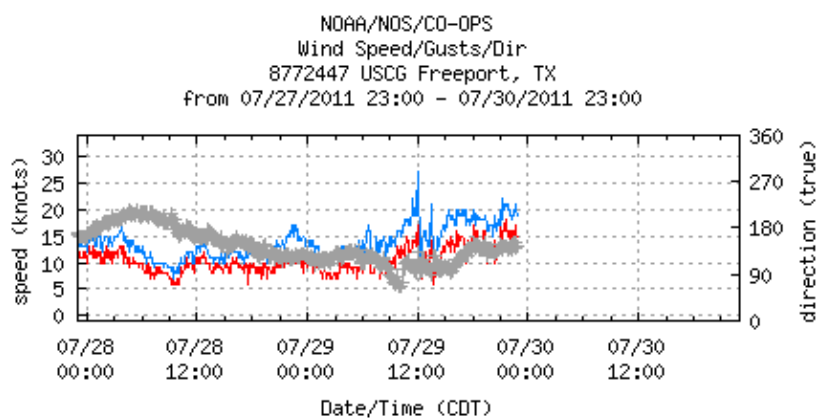
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 07/29/2011 22:48 (CDT)

Relative to MLLW: **Observed: 0.43 ft.** **Predicted: -0.21 ft.** **Residual: 0.64 ft.**

Historical Maximum Water Level: Sep 12 2008, 5.6 ft. above MHHW

USCG Freeport, TX - Return to List

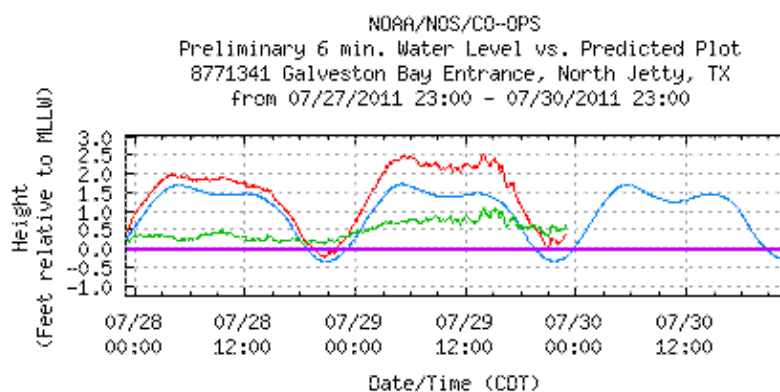


speed — gusts — direction +

Last Observed Sample: 07/29/2011 22:48 (CDT)

Wind Speed: 15 knots **Gusts: 19 knots** **Direction: 144° T**

Galveston Bay Entrance, North Jetty, TX - Return to List



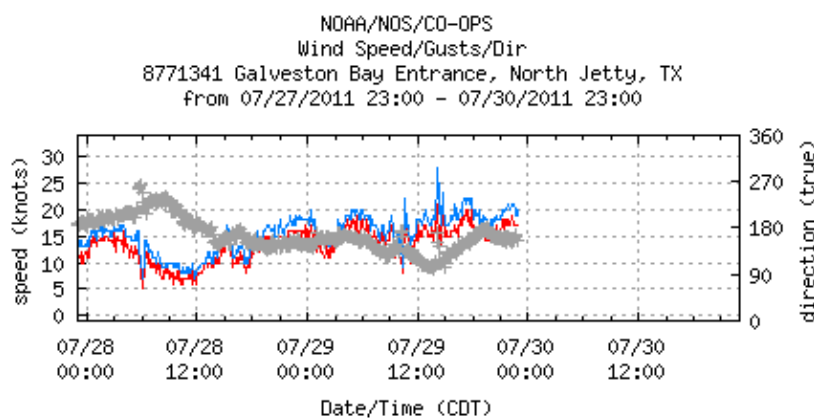
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 07/29/2011 22:54 (CDT)

Relative to MLLW: **Observed: 0.38 ft.** **Predicted: -0.23 ft.** **Residual: 0.61 ft.**

Historical Maximum Water Level: Sep 7 2002, 2.65 ft. above MHHW

Galveston Bay Entrance, North Jetty, TX - Return to List

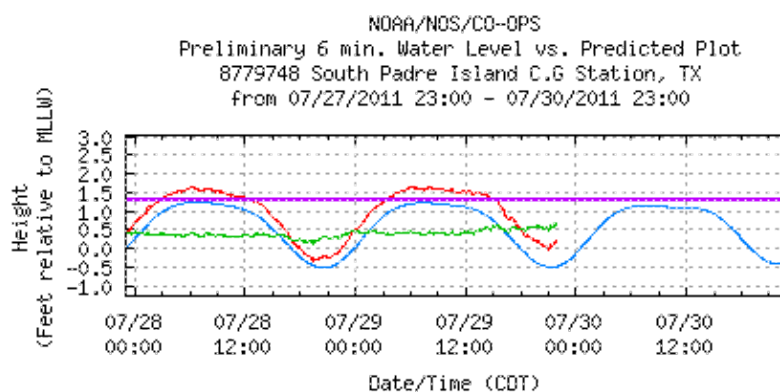


speed — gusts — direction +

Last Observed Sample: 07/29/2011 22:54 (CDT)

Wind Speed: 17 knots **Gusts: 20 knots** **Direction: 155° T**

South Padre Island C.G Station, TX - Return to List



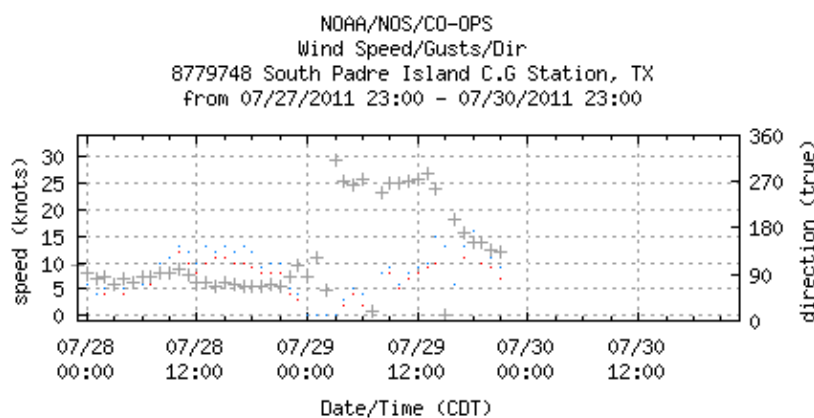
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 07/29/2011 21:54 (CDT)

Relative to MLLW: **Observed: 0.15 ft.** **Predicted: -0.49 ft.** **Residual: 0.64 ft.**

Historical Maximum Water Level: , 0 ft. above MHHW

South Padre Island C.G Station, TX - Return to List

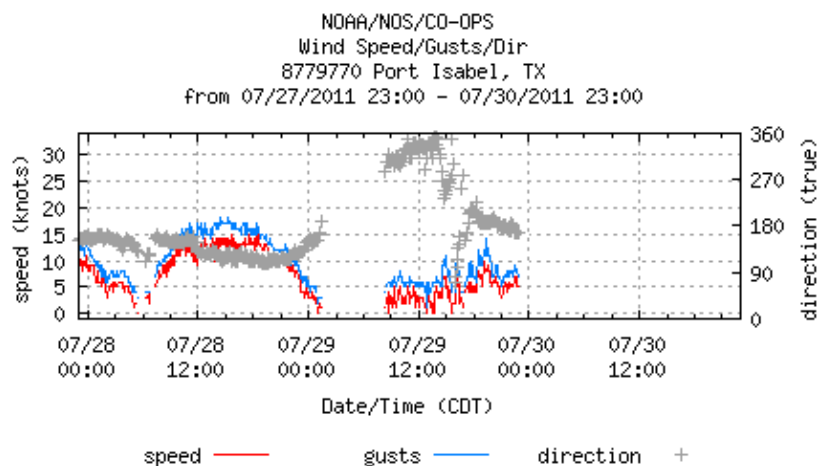


speed — gusts — direction +

Last Observed Sample: 07/29/2011 21:00 (CDT)

Wind Speed: 7 knots **Gusts: 9 knots** **Direction: 132° T**

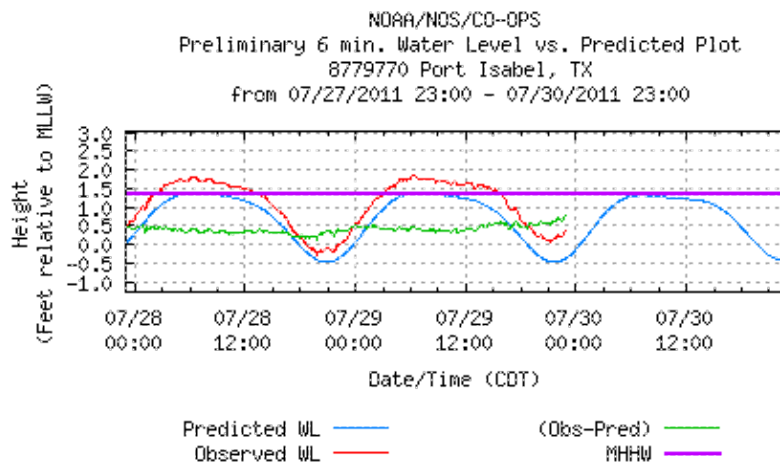
[Port Isabel, TX - Return to List](#)



Last Observed Sample: 07/29/2011 22:48 (CDT)

Wind Speed: 5 knots Gusts: 7 knots Direction: 167° T

[Port Isabel, TX - Return to List](#)



Last Observed Sample: 07/29/2011 22:48 (CDT)

Relative to MLLW: Observed: 0.36 ft. Predicted: -0.39 ft. Residual: 0.75 ft.

Historical Maximum Water Level: Aug 9 1980, 5.67 ft. above MHHW

Tropical Depression DON QuickLook, POSTED 23:00 CDT 07/29/2011

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce